

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/594,856  
Source: IFWP  
Date Processed by STIC: 10/06/2006

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IFWP

**RAW SEQUENCE LISTING** DATE: 10/06/2006  
**PATENT APPLICATION:** US/10/594,856 TIME: 11:15:25

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 TREATMENTS  
 6 THEREOF  
 8 <130> FILE REFERENCE: SEQ-4087-PC  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/594,856  
 C--> 11 <141> CURRENT FILING DATE: 2006-09-29  
 13 <150> PRIOR APPLICATION NUMBER: 60/559,011  
 14 <151> PRIOR FILING DATE: 2004-04-01  
 16 <150> PRIOR APPLICATION NUMBER: 60/559,203  
 17 <151> PRIOR FILING DATE: 2004-04-01  
 19 <150> PRIOR APPLICATION NUMBER: 60/559,202  
 20 <151> PRIOR FILING DATE: 2004-04-01  
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(CPG-6)

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397	taaaatattt	aattataaac	attttaatta	taaaatattt	aattataaat	attttaatta	10020	
399	taaaatattt	aattataat	attttaatta	taaaatattt	aattataat	attttaatta	10080	
401	taaaatattt	aattataat	actttaatta	taaaatattt	aattataat	attttaatta	10140	
403	taaaatattt	aattataat	attttaatta	taaattat	aattataaaa	tatttaatta	10200	
405	taaaaacaca	attacccat	cttttaat	attttgca	aatatttccc	tccataattt	10260	
407	ctccgttcc	attttattt	tgttactt	atcacactt	gtgttctaga	ggtttgctg	10320	
409	tgccagaaca	ttttatca	gccctcg	cactgtctt	caatacaaa	gagccacatt	10380	
411	cagtggat	atcacata	aagactccat	ttatttggc	ctccccc	aagtttagca	10440	
413	aaataactca	gatcctgatt	ttctttaact	tgcaaaaaat	gccatcc	tgagttcaga	10500	
415	gaccttccga	gccctgg	cagcttgg	gcaggtccag	ttcatatgt	cttctgtt	10560	
417	tagtctact	cctactg	ggctggct	ctgtatgg	ttatcaat	aggagttt	10620	
419	aatttttct	gtgtatgt	aaagttca	tggaaaagaa	gaataatgt	agatttctt	10680	
421	taaaaat	gaggatgata	gtaa	ctggagcaag	cttcatgt	gggttcatg	10740	
423	ctgtgg	ttcagctt	ttcagtaact	ccgtgatgt	tatcagaaat	gtgtggat	10800	
425	tttgaatgg	cagg	caatc	attcagcaat	aaattttca	tagaatc	10860	
427	agagttgg	tgtttat	tgcagttt	atctaaact	ctgggtt	tcaaaaat	10920	
429	ttttctcg	cgcaatgg	tggcttta	ttatcc	agcagtg	gaaagct	10980	
431	caatcttct	tttcc	ccatctgg	cggtaggat	gctaagat	tcctgaat	11040	
433	ttctgtcg	aaatgt	acttgactt	agagttgg	agtaaagg	gagcact	11100	
435	caatataat	agaatgg	tccttaag	caactaac	gttcttgc	agactgact	11160	
437	tctttctt	aatgt	tatttact	tccagcc	tatactt	tcaaaaat	11220	
439	cttcacgaag	ggccataat	tattgtgg	tctgtt	ctttgagaa	gcttcctg	11280	
441	gctcg	aataaatt	ttgaactt	gaagatta	gcatagg	tcttcaaca	11340	
443	ataaaaaa	atatgg	taatcayt	agattgtt	gatctcat	tggatata	11400	
445	taataagata	agtaaattt	atctctt	gctgtt	tttatctt	attagttg	11460	
447	aatgt	aaaagg	tgaagatt	gtacac	tgtgtt	agagactg	11520	
449	tggctt	aaaat	tacctctt	gcttctt	caacagt	statacat	11580	
451	agattacat	tat	tgttc	actcgaa	aagtgt	atctagg	11640	
453	ggaaatag	aaacagt	tctgaacc	tatggactt	cgaatata	tggacag	11700	
455	ccgtcc	ctcc	ttat	aacatgt	aaagt	ccttagt	atcccag	11760
457	tccccq	aaaat	ctq	ggqaqtt	qaatca	qaqtqag	atcaqat	11820

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/594,856

DATE: 10/06/2006  
TIME: 11:15:26

Input Set : F:\SEQ4087P.APP  
Output Set: N:\CRF4\10062006\J594856.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 51  
Seq#:2; N Pos. 87186,87189,94779  
Seq#:3; N Pos. 3369,3653,16642,49299,49302,55857,57232  
Seq#:3; N Pos. 85366  
Seq#:4; N Pos. 16584,49274  
Seq#:4; N Pos. 79397  
Seq#:5; N Pos. 19605,20592,30844  
Seq#:5; N Pos. 76717  
Seq#:6; N Pos. 33959  
Seq#:6; N Pos. 72474  
Seq#:7; N Pos. 33227,33228,43387,49080,50426,53951  
Seq#:7; N Pos. 94616,95253  
Seq#:8; N Pos. 56435  
Seq#:9; N Pos. 51  
Seq#:10; N Pos. 4288,9036,48880  
Seq#:10; N Pos. 63501  
Seq#:11; N Pos. 95598  
Seq#:12; N Pos. 51  
Seq#:13; N Pos. 17988,19116,29648,48282,48376  
Seq#:13; N Pos. 64284,68418,78310,87992,88135,88149,93375

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/594,856

DATE: 10/06/2006

TIME: 11:15:26

Input Set : F:\SEQ4087P.APP

Output Set: N:\CRF4\10062006\J594856.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:2971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:87180  
M:341 Repeated in SeqNo=2  
L:3555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:3360  
M:341 Repeated in SeqNo=3  
L:7220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:16560  
M:341 Repeated in SeqNo=4  
L:10648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:19560  
M:341 Repeated in SeqNo=5  
L:14342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:33900  
M:341 Repeated in SeqNo=6  
L:20677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:33180  
M:341 Repeated in SeqNo=7  
L:24734 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:56400  
L:25927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:26101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:4260  
M:341 Repeated in SeqNo=10  
L:31564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:95580  
L:31585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:32255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:17940  
M:341 Repeated in SeqNo=13